

Message

From: Johnston, John E. [Johnston.John@epa.gov]
Sent: 8/12/2021 10:59:38 AM
To: Jeff Menzel [jeff.menzel@ncdenr.gov]; Garcia, Javier [Garcia.Javier@epa.gov]; Acosta, Kayla [Acosta.Kayla@epa.gov]; Morris, Sean [sean.morris@ncdenr.gov]; brent.burch [brent.burch@ncdenr.gov]
CC: Egetter, David [Egetter.David@epa.gov]; Johnston, John E. [Johnston.John@epa.gov]
Subject: RE: Raffinate and Depleted Solution ponds w/tanks

Jeff,

Thank you for the information and for the photos. Just a few questions:

1. Is the muddy (brown) liquid in the pond rainwater? If so, then I suppose they will let it evaporate and not try to keep it pumped out. It appears that the water is settling around some of the foot pads, which brings me to my second question.
2. Are the foot pads sheets of plywood? And are these going to be the permanent foot pads? Has AZP said anything about how these wooden foot pads will hold up when they fill the tank with solution, especially if they are periodically saturated with rain water?

Sincerely,

John

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From: Menzel, Jeff <jeff.menzel@ncdenr.gov>
Sent: Wednesday, August 11, 2021 4:09 PM
To: Garcia, Javier <Garcia.Javier@epa.gov>; Acosta, Kayla <Acosta.Kayla@epa.gov>; Johnston, John E. <Johnston.John@epa.gov>; Morris, Sean <sean.morris@ncdenr.gov>; brent.burch <brent.burch@ncdenr.gov>
Subject: Raffinate and Depleted Solution ponds w/tanks

Please see the attached photos from today's visit. Raffinate and Depleted Solution ponds have been retrofitted with tank systems which tie directly into pump structures. Ensafe was on site collecting samples below the liners in DP and Raf ponds. No free liquids were detected below the DP pond liner while hand auguring down to a depth of approx. 3.5ft. I do not know if they detected any free liquids while sampling Raf. West Maintenance pond will also receive its own tank system similar in design to the others. Results from "Ravine 4" sampling on 8/3 should be forthcoming from AZP. Phase 2 of the Raffinate sampling plan (Ravine 4 sediment and surface water) is slated to begin next week. Please let me know if I can explain anything further.

Thanks,

Jeff

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